

### AMENDMENTS TO THE SPECIFICATION

Please replace paragraph on page 5, line 21 – page 6, line 2 with the following replacement paragraph, which is provided below with markings to show changes relative to the previous version.

#### Replacement Paragraph

The multispectral ocean surveillance system uses a camera **218** with a sensor that eliminates the loss of processing gain in the detection of low contrast ocean objects. The new sensor (**FIG. 4**) is an array of three vertically stacked photodiodes (**406**, **408**, and **410**) per pixel that produces a Red, Green and Blue (RGB) output separation due to the spectral absorption of silicon as a function of depth; i.e., the uppermost layer **400** collects photons in the blue spectrum with 'green' and 'red' photons passing into the next layer. This new sensor is now commercially available. ~~(is it commercially available?)~~ The second layer **402** collects photons in the green spectrum, and the final layer **404** then collects photons in the red part of the spectrum.